

NFKB p65 Peptide Antigen

Cat. No. CDA100 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Discription

p65 is a subunit of the nuclear factor kappa-B, a second messenger, which activates the transcription of a number of genes in multiple tissues. The inhibitory effect of I-kappa-B upon NF-kappa-B in the cytoplasm is exerted primarily through the interaction with p65. p65 shows a weak DNA-binding site which could contribute directly to DNA binding in the NF-kappa-B complex. [SUBUNIT] Active NF-kappa-B is a heterodimer of an about 50 kDa DNA-binding subunit and the weak DNA-binding subunit p65. Two heterodimers might form a labile tetramer. Subcellular location is at Nucleus, Cytoplasm. Nuclear, but also found in the cytoplasm in an inactive form complexed to an inhibitor (I-kappa-B). Tissue Specificity: Spleen; lower level in brain.

Sequence EQPKQQRGMRFYK-OH

Physical Appearance White lyophilized powder

Purity Peptide Purity>85% by HPLC

Storage store at Freezer(-20°C) immediately upon arrival.

GENE INFORMATION

Synonyms RELA; MGC131774; NFKB3; p65; Nuclear factor NF-kappa-B p65 subunit; nuclear factor of kappa light polypeptide gene enhancer in B-cells 3; v-rel avian reticuloendotheliosis viral oncogene homolog A (nuclear factor of kappa light

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polypeptide gene enhancer in B-cells 3 (p65)); v-rel reticuloendotheliosis viral oncogene homolog A; v-rel reticuloendotheliosis viral oncogene homolog A (avian); v-rel reticuloendotheliosis viral oncogene homolog A, nuclear factor of kappa light polypeptide gene enhancer in B-cells 3, p65

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